## APPENDIX D PHASE II FIELD NOTES

## ESERGE STUBY

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1.

NATONAL

HEED-/ARMANISM BOOK

## INDEX

		Lettera Woodayd - JPL- 816-354-8632
•		- 816 - 632 - 7628
		Mark Avalor - JPL-818-354-6635
Property of Foster Wheeler Employmental		
1940 E. Deere Ave . #200		Partwick T Cell Ph - 949-283-13/2
Address Santa Ana, CA 92705		Mark Lost - Cell - 714-545-6441
		off - 409-788-0508
Telephone (599) 756-7500		Dennés R MW Lorbs - 626-568-630
		626 - 386 - 1104
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This Book is manufactured of a High Grade	•	
50% Rag Paper having a Water Resisting Surface		
and is sewed with Nylon Waterproof Thread.	Ì	

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Wa:	ter.			
Estal	Ushed	sample	DS.	
W	PBR1- L	2- re	actor un	
	PB12 1- L-			
h.	PBR 1- L-	4 = (N	4) PO4	Johnton
•				
9:30	Collected	samble	WPBR	- L->
	-	, , , , , , , , , , , , , , , , , , ,		
9:40	Co Hected	Samble	WPBR.	- 1 3
		,		
9:45	Collector	Co. 14	WPBRI	
		sample	WIBE	- L-9
<i>4:50</i>	Cample			
7,20	Complete	COC	Form.	
10:00				
טעיייי	Pepaut	site		
	- FE	Q - Track		··· · · · .
	4	100		
			;	
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9/10/01 D. Tletje onstle area for installing marlable new tracks - between electrical short + on west side of ferced in area Confirmed inventory of waste containers on-site. Relabeled up perm. marker on drum bols - need to bring nonhae labels to site. Met up Foster McLean to profile forms and letter slyned certifying waste containing bueterin is non-pathogenic.

10/2/01					
7.35	The tje , Lo	si onstk	2		-
Proposition of the second	Begla cle	anding up	lewes	, trash	for
	hork area plake mater	tals.	taking	Inventory	at .
10 <u>00</u>	Hazpak	Inc. o.	site te	remove	
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	Harpak	forg,+	to A SI	e Fiv	
	order - to just	told - must	them topy	Ws was	or.
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z <i>3</i> 0		*** *** ****** *** ***			
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1620	Losi o	fsite.			
650	Tetje	offste_			
	Tan	and Fre			

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10/5/01		10/8/01	
8 00	The tje andte. Lost already	ensite. 730	Tetje unste
<i>9</i> 45	LV s/te to plak up PVC place + Attings + work materials.		House up tribing to outlet of T-1 and rute to Baker Tank.
1035	Return to site.	< 930	M. Gah, Los on-site
IOÃO	Ryan Herco consite to offlood PE tanks. On standby - wanting for		Preparation for delivery of  Preparation for delivery of  Preparation for delivery of  T-1
1125	JPL forkuft.  Pyan Herco offsite.	995	Burnebey Sutcliffe another to- delivery of PC-295, TW-15.
1130	Depart site to Pu lunch		delivery of PC-24s, Tw-15.
1210	Peturn from lunch.	1015	Barnebey Sutchiffe of forte.
	Begin blumbing of system- begin wy blibing from substrat	· E *	
	supplement tanks to original substrate tanks, Ea Tank 2	1150-1230	Lunch
:	to Bry filter.	1240	Beylin construction of plan
1400	Losi offsite.		from FI to PC-24s.
1630	Metje of tette	3	Clean out Substrate, Inocula
	Danil Tsur		Equalization Tanks.
	Land Mark		

*|*530 Lost offsite Gon offsite. 1630 1715

10/9/01 9:15 The tje, Gah andte. Stopped at thome Deput enronte to ste to PU supplies. Resuma construction. 11;50- 12:30 Lunch Centlane construction. 1600-1615 Offs/te. 10/10/01 8:30 Thetje / Gol ensite. 12:00 - Goh breaks for lunch. 12:35- 13:05 Tetje - hunch 1630 Goh of fite. 1715 Metje offsite. Panie Tretz

10/10
Completed Piping From T-1 to EQ-Tank
I except motivant & substrate feed.

priping. Begin working on piping from
Except Tank # 1 to Amerobic Betreactor
to E& Tank # 2.

10/11/01				
800	D. Tet	e onste	-	
815	i		p/plng Nutri	Installation int feed
	Tanks.			
900	Mike	Coh or	us/te.	
~1030	1	est on-si	_	l l
, and submitted to the second		media PC-Z4	1	
~1045	Sullero	electricia	ons/te	. Conduct
	with.	walle to	revew	supe of
1195		offste	- W	1 begin
	taker	to comp	lete proj	ect:
~ 1115 - I	1215 P	R. 7	Luromski	ensite_
	review.	Per R	schurd, 19	appears
	that discharge	we w	11 be sourtan	I i
and a second of the second of	he is	warting	on d	scharge
	regts a	and vari		US charges
	ļ	1		ŀ

1290-1315 Lunch break.

1500 Lost offsite

1700 M. Gob offsite

1720 D. Tetje offsite.

Today, completed piping associated wy metering pumps, Begun work on piping for dilution feed. Called Barnebey Sutcliffe- to request a replacement PC-29 ressel- this will be done west week. Forget to Install top for our injection into PC-29 - man use 1/2" draw pout - should blumb paior to start-up.

10/12/01 10/1 P. Thetje onstte. 80 900 M. G.4 ons/te. Continue construction. Work on secundary treatment popular (Hinish) and clean up electrical , etc. Also working on pipping for 16 delution 1235 D. Thetie of 81te - to M parts + hunch /3*3*0 Return to ste 1345 Resume working. 1630 D. Thetje offste. Today: Completed plany for Secondary treatment components. Completed plying for My-7 well feed to Ed Tank 1. Completed plping from Fresh water feed tank to LAGAC to EX Tank !

10/15/01

0900 D. Thetje ensite. M. Gob already ensite.

Today: WIII nock on a popping to Freshmater feel Tank and boose comnections to Procedula tanks. Will also Pu I-in hose @ Ryan Hereo (for Asschnoge).

0995 Sollew oneste. Told us He would take then weel.

to complete job up Z

persons (Jerry + Dave 
swapport).

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discuss structure— that
we understood I person
would be present to clo
the words, that we
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1215 - 1315 runch 1345 M. Goh oftste. S/W Lost - sould we did 1900 not need to scool injet to Water Holding Tank . (500 SIW LOST - told him we will be checking of Jacobs en lock of nearest sandtany sever hackup. Lost / will communicate this to Zwomski. We are got to Install hashing work! authorized by Zavounder. Begin filling 1 PC-29 of Hydroxy/ media will fill about 2/3 full -1.2. AZ ft. # boxes - 11H Filled 1 PC-29 W

Filled 1 PC-29 my surabbers impregnated my cewter took 13/4 bures So Hero offsite.

1630 P. Thetje offsite.

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\$ S# .

D. Tietje ensite M. Gob already

SIW Jucobs try electricities " toid me we should ask JAC author to was a Jacobs therbothes person to site to some as the new st Since come for.

Perton Site walk of M. Gel. Determent that today ne need to trans on soften house hisping + sitety - hick to build platfirm over popping 3 hose by breedeters t constant secondary containment lobeith of

- checked by Lost on conveying to Petrack that we should set up saty in TPL tackities to confirm sever location - Checked up from on Sciendary Containment

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		778	<b>-</b> J@€ _	B-s (con)	The back is the	VESTED:
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_ to	blureactur	(but	t not	aerobic		two 14 50
blure	nctor)					TWAS 14 off
					Mr. Armerican Science .	- Silenoid - tested manually
715	eft n	sey tur	Tue/	Barneha	eren auri (), ; ;	- P-1 - tested anjoff loff until recording
re	gld f	moran's	Twe / 1	7	v .	y was a series
			7		 	- All electric outlets - for metering pumps
930	Sollero	unste.				& combithings / pumps - on
15	Sh J	ve / Ray	her	South D		
	world	nust h	kel be	Said PC-29		Flow restrictor - AP to hugh -
	Feb. u	1 Thur	PM	delivered	<b>»</b>	enough P ter inlet to PC-24 (~Q)
					e e e e e e e e e e e e e e e e e e e	The restrictors, repained
,	try	to exhalsh	forThurs	d hom to lay, but	······································	Alphony . I - provide the second seco
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	1	7		Mar For the Control of the Control o	and an interest of the state of	Resume hydratesting
50 - 12N	Mike	Coop of	fests t	Pu		Build Platfords over popping 6 tun. T-1
	VInul	trable.	feite to	dish		* bloreactors
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						1630 Offsta
430 So	lleco	mbletec	electrical			
	2	yueres to	lu de	installation		
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ONT	ios T e	quipment s	THE THE PROPERTY CONTRACTOR AND ADDRESS OF THE PARTY OF T			
		.'		l	Carrie	militaria.

10/17/01 (at max water level = 575 gal) The fip unsite. Goh already anote Install hardware in PC-24 -> Re-start test - flow from Ed! to Ed 2 etc. 845 Resuma Systom Testing 5/w Mark Lost sard of is de Test piping / process from T-1 to run top water though IX unit through I train of MPC-ZAS to Into Boken Tounk Ed Tank 1 - OK Change out rectriculation pump -1605 Replaced high-high Hunt P-RI surtch In Freshwater Feel Reverse direction of soleword -Tank - bery that instable installed of outlet on feed side; by sollers would not cause during testing solenaid did not Silewal to apen when high close properly (completely) Wigh cleased lunter fell below level of ball -1230 Offsite to PU hardware for PC-24, would to 1630 construct platform over pupping. 8 get lunch. David Trog Re-test solewid: Choses when power is off Abreaker in aff position) Closes when H-H float in Freshwater Feed tank Tribs

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10/18/01							
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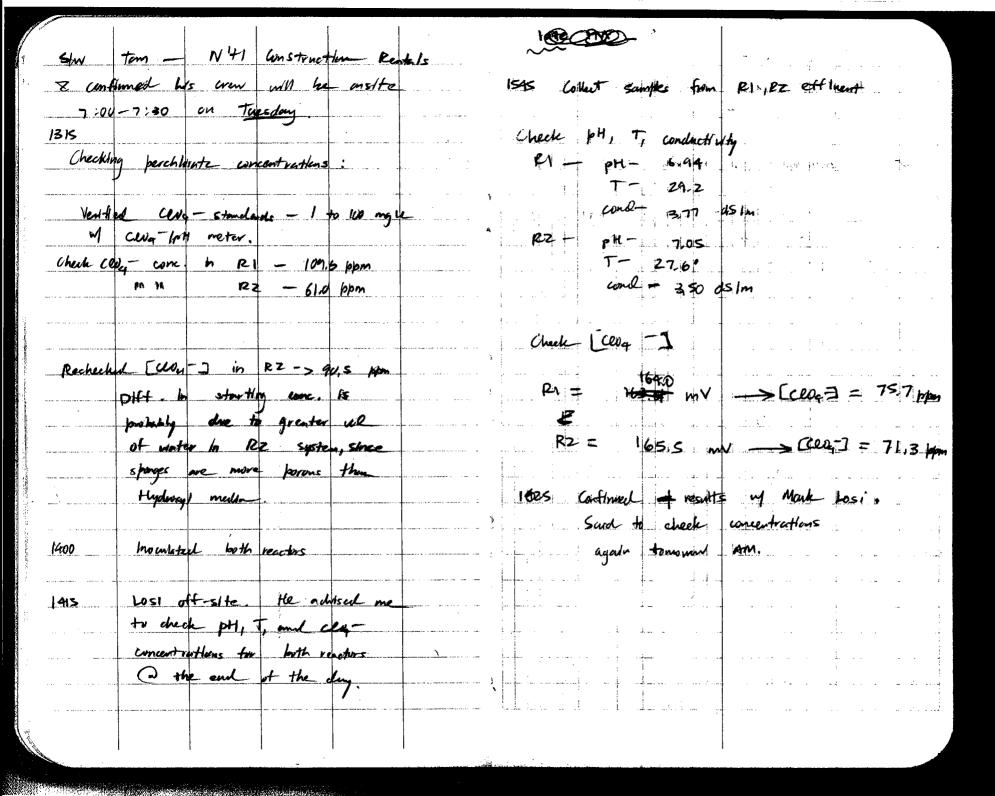
August	12, 2002	100	Deput site to pu tools,
0 900	D. Tietje andte		bundware regid for start-up.
0915	LF+ msg wy LeAlcle	1230	Return to site
THE RESERVE THE PROPERTY OF	Woodward of JPL ves	1300	Measured off and
	meeting me here @ 5172.	1390	Measured off area recommended by
	Inspect rectromation partien	1	This area is on - 3 tanks will
	of PBR system to make		be sot up knythmise , state - by state
	Sure all components are one		W about 3 ft on either side of
	check for leaks, etc.		each tank. Will take up
			to purkly spaces.
1000	Mot my Lettera w. in:		
and the second s	Sterging Barker Tanks Ste	1316	Begin worksty on adjusting
	explained the professed		ant of media in blureactus
	area for storying which will		- should be about 3/3 full
water and the second	the let back corner of		per Vitthal and securing
and the same of th	backing up and 5 adjacent		nardware for testing.
	pendeling spaces. I told her		
	I would measure off the	1530	Show Meuk Losi & confirmed
	wen & confirm if this		start-up for Thursday. He
	was acceptable.		requested that we told
			the reactors / bracula turks
idis	Confirm handware needed for		my wenter that the
	lids of R24s.		incher stranded be that

	1					
1730	Clean u	48 Dep	w+.			
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0420	Left	msg for	Lettera	w	
	3PL -	judicath	ny we.	vera	
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	tu	ESDAY.			·
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1030	Recid call from Lottin 15PR
<u>,</u>	ve : delivery , times for tambes / ferring
	Sord she marke check up
المنافعة الماما	Security & yet back to me.
1600	Show Steve of Roun for Rout Touts -
	he said we should assume the
	fanks now he delivered man
	AMIDO O TO
	Amber 8 Ties. Am (1). He
	sand he will south
	tomorrow of delver later
1715	Electric de la constant de la consta
	Florished adding where 200 gol
· · · · · · · · · ·	tob number treated of core
	Into each bureactor system.
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1/30	Glem up & depart stre
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-i i	- Trailed to the second of the
NUTE	
UF W	ATTER OUT OF INTENSENT EN FAME INTO

- Hrom	GOVAL ER TAME (ASSUME HUS WAS TAP H20)	
Augusy	15, 2002	1215 Collect water sumples from
0700	D. Teta annes on-ste	effluent of recutors 122-
0-110	M. LOSI - CEM CONS - SAYS	reactor 1: pH = 6.08 # hoursect
-	se to leading the late for	T = ZS.FRC Mistakenly
	he ste.	* thought cond
, ,		" $V$ (coctor $2: pH = 6.11$ meter was $T = 24.5 \text{ oc}$ pH meter
730	P. Tinnes on-site.	
1430		1230 Add 190 ml constic to
MISO.	M. Los on-site	each reactive system. Her phone
1000	Collexate job meter to	com, w Loss)
	pH standard 7 continuate to	RI - Acceled &1 mL
	standard 10 - set slope -	RZ - Added SI ml
	then vechesh pH 7	i vije od i promjesta i nasta i
	pt meter is not collaborating	1300 checking p.H. In RIARZ off.
	well. Lost will be Piching	R1- 697
	up new pl electrode	(Ustry now ) bill broke, and now colla state)
250	Loca off-ste.	R
1402	sodum aichte FTW mella,	T=25.90
IIK	Added , wheat salk and sodium Clay	coul = 3.42 d \$1m
Market Street, Street, St. 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	to each remoter system : In amounts	the ching control of the andnothing
CONTRACTOR AND ADDRESS OF THE PARTY.	provided by com.	meter atten silve
and the second second second second second	/	R2:
		T - 25% pH = 7.01 cond = 3.3 dS/m
		cond- 5,5 AJM



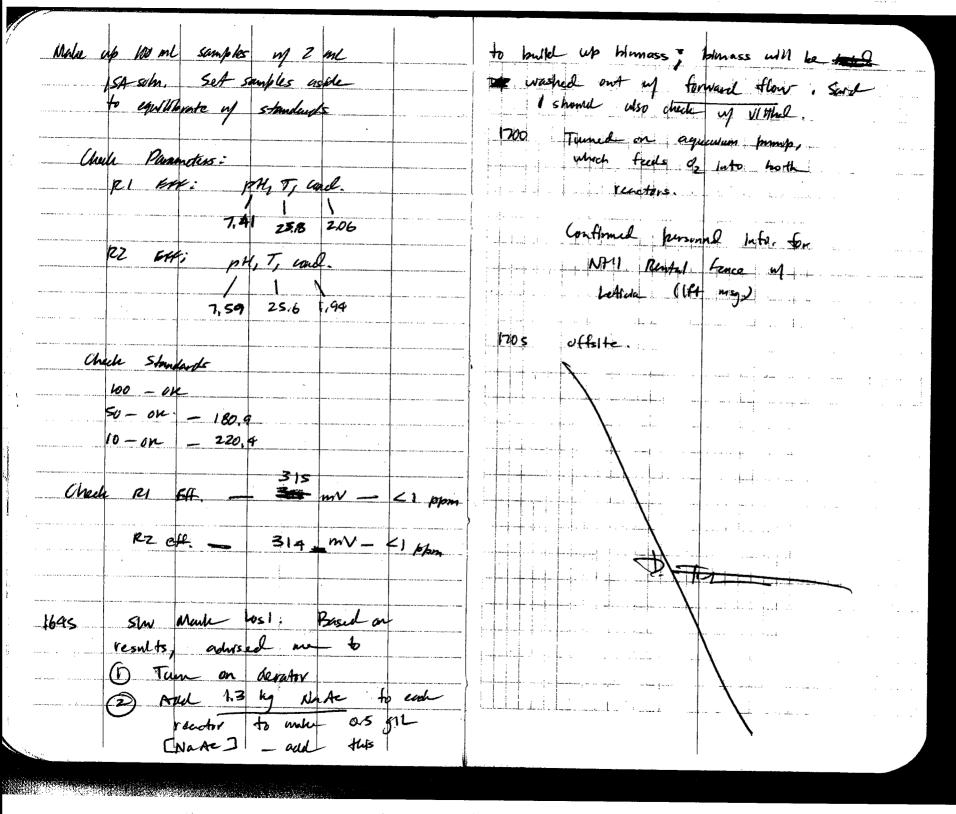
Astro Phymony Conzalo Alvarez U.S. Citizen Jesus Continued of security that they 1630 Mondey deliveres. Peronmend we bourdeale off 6 spaces. On to more px tank anne 1645 Offsite Detrobe

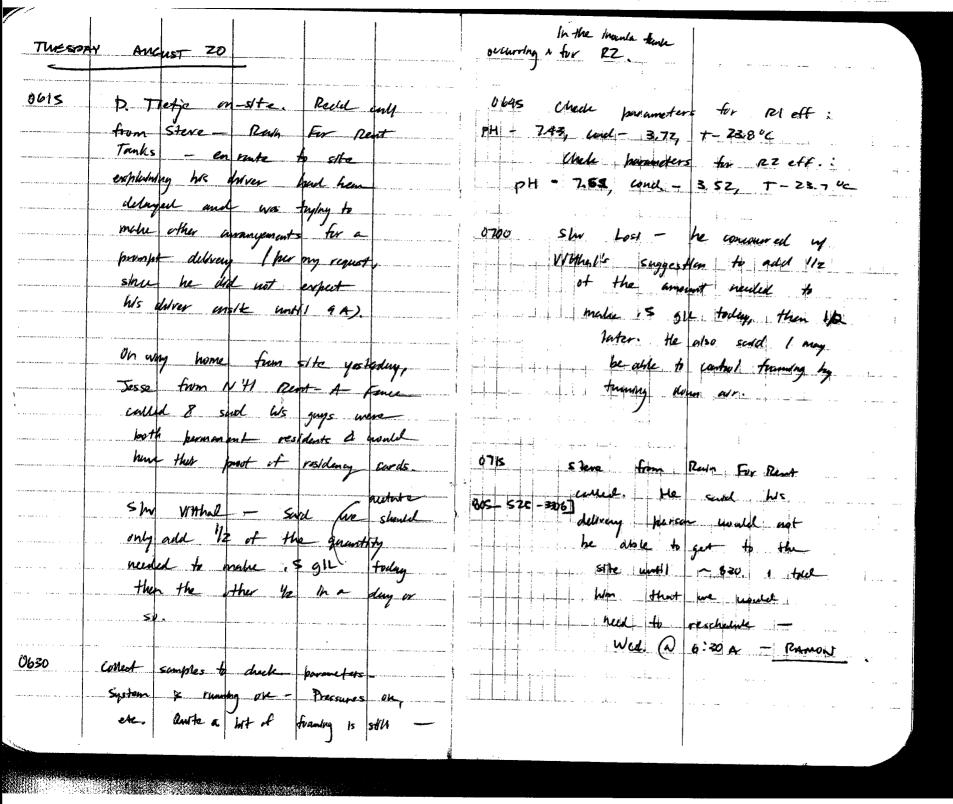
Ancust	- 16, 200Z	
		3) Charlest unwaration - checked 75,50,
(77 <b>3</b> 0	D. Tietje , P. Times on-site.	* W. I ppm standards - OK
		(9) Checkel R1 eft - 1.45 ppm
0745	Set up bouncedas for Monday's	RZ eff + fl ppm
	tank deliveries.	
		SW MARK LOSI
	collect sumples from each	ADD CONTINUE TO
	reactive system	MONTON PISAPPEARANCE
O Aren	Caldbrate Lis note. Cald II	
0950	Calibrate pH neter - calibration	WILL BE ADDING WAS NICES
	to \$7,10 - ok.	TO EACH PRICTOR AND
	Check pol coul, The samples	OHECK GROUT CONCENTRATIONS IN  AN HOURT OR SO
A CONTRACTOR OF THE PROPERTY O		
	RIEFF - RZ eff-	940 Added 1025 g Nacley to each
	T-24,7°C T-24A°C	System
	PH - 6,88 PH - 6,48	
	Cond 342 cond 1.71	
		10015 Deport site to go to ICI. P.
maar maan aay oo oo dhahaa oo oo oo aa aa	(CONT.)	Thomas will be an-site & could
		check realtys in an how
<u></u>	Cullbrate Clay 1 pH moter	ur so
	C, W ML	1110 1) prepare 100 ml smples to take
<u>(i)</u>	Prepare a samples to take readings.	readings
<b>2</b>	Allow samples to equilibrate in	(2) Allow samples and standard to
	* tandards	equilbrate

3 Checked Calibration with - check cultbratten in 100, 10 pinn 75,50, 10, 1 pp in 8 ( - Check 121 eff - < 1 pp in 1800 [1800]  Checked RI eff 4776 pp in 122 eff - < 1 pp in Green 122 eff - < 1 pp in G	
There of Riet 47.6 ppm 122 eff - 21 ppm (read)  Riet 33 6 ppm  1220 Added 109.5 g Na Cloy 1648 Shw Mark Lock He requested that I add 10 g more ceres  to even 3ystem to site 100 pm have up agrantum france to least up to have up agrantum france to least up to	-0n
to each system & also try to have up agravium pump to have by the latter to both systems.	thing 34 mv)
530 Return to site Introduce Us hath systems.	<u>-</u>
1600 Collect samples RI AFG RZ AFT	
1715 Clean up & depost ste.	<del></del>
- Make up 100 ml samples of  each reactor effluent up 15A*	
solution.	<u> </u>
- Allow Samples to equilibrate up  standards	L
- Check parameters	<u> </u>
Pleft P2 off pH - 6.8 pH - 6.88	المن المستدانية المستد
T - 30,7	<u> </u>
Carel - 3.7 Cond - 3.76	

MONPA	Anc. 19 Zuz	Check collebration of pH probe. Callbration
0600	b. Tietje onstre.	Make up wo not 3 amples! of el eft,
	prep for andral A Boker Tanks.	RZ eff if 154 sulla Allow samples to equilibrate if standards
	Parks.	Check ptt, T, cond
<i>9</i> 630	Rado For Rent Tamks unsite. Delivered Z 24000 g.a.	Meff; 7.61, 232, 1.82
	tanks Into attetted area.	122 eff: 7,80, 23,7, 3.29
	Tanks are 40' long and 2 adultimal fanting spaces	check standards 1, 10, 50, 75
75	will be needed to agromadate.  These & a 3rd South.	1 au studende au
	whenhy spice required - 2	50 standard off - 156.6 vs. 179.2 75 standard ove
	addthind spices.	
0700	Rain For Rent personal	Check RI off: 307.7 - 2 1 ppm clast  RZ eff: 283.7 -> < 1 ppm clast
	offsite.	shut off the aboutan
0760	Check system - Co Next samples IRI eff, 122 eff	me to add 2x was 1 to buth
Mue		reactors thick telog - I he about
- 713	Flow through R1 Eyster to v_ slow -	day. Also beformed him that we
	may need to replace	are almost out of "Cluy" .

	ves on-sit		·		and the second s	1445		contribuye primp
siu p	Trines	alt-site	to P	n part			down bust	cerculating) for whost
tv	replace in l	et hose	for RI	rectronal	kn		2 has identify	primp trumbles heating
pum	b 8 sec	endung 1	Tenting -	prinjo				
<u>r</u> e	Apling.				<u> </u>	1506	Shu Yardley	Pump & Price Pump
							re: the pu	mp constation proble
Z0	Left m	5). W	Price Am	np Co.			we are huning	1 They recommed
	Left m	support	-				6-12 " CHWOLA	howentel run
							Into bumb Im	et, eg un restrettons
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -						on the dischau	
5	Collect se	mples 1	21 eff, 1	2Zeff			J	70
	,	-	,		1	1600	Shu latria	Sla
	Check )	nyameter	·				will the 1	She swal she
	•		-				100 CON 100	conflor If we
21 044.	оH -	7,59	T- 22.7.	Lond	3.47		Tables 1	cost for PFR
RZ eff:	pH-7	.59	T-21,9	CONO	478 (mot			husted ma
Verrty	- At1	- M	trund 1 -	1 70	3.62 4.78 (mot frilly immersel)			the names
7	- cay of		AVUS	1, 127	w-on	<del></del>		for NHI Construction
er i	<b>19</b> , cc			1/0 -	<u> </u>	<del>                                      </del>	- land to led	them know they
Check	r et		Peading	ys 160.7	mV		will week force	t of Jeern residency
	IL'Z ef	H. ; .		166.0	) <sub>m</sub> V		If not us.	Cattzen), and that
	Correspo	nolling to	[Clay-	7	62.8		Astro Pumbl	my delivery is approval.
	_	•	ppm,	1	1 1			
						1615	Collect Sumb	ics from RI eff
00S	to Tete	eff-sit	٠.				RZ eff.	
	J				,			
						1	ر بازد و را دیگر کیایی و بازدین و دیگری در مستخد	f





0720	Anded	<b>5</b> 50 g	NaAc	· 31hD	to	300	Begin w	ividing on	bestalline galv.	
	Anded R1 in	soula_	tank.				pla acr	oss but	installing gal.	
	Added RZ 1			een een een ramme is neer page	4	\500	1		n pla 15 perl	·
A	tso trum	ed do	tunh.	*A.4			bining	installation		
	150 fru both f	mler.				1530	Coshect	Simples	To check parent	etera .
Ó81 <i>≤</i>	National	Rent	-A- Fence	m-s/	te.		ki eff	- PH	1.54, T-25,5 Cond., -4.21	<i>1</i> 4,
0915			-A- Fan		and the same of the same		RZ eff	<u> الم الم الم</u>	-7.67, T-25	2"5
1000	Astro I	Phanding	dups of	f galwant	L	1595	Clean a		cand 4.09	
1015	Sun V	lathey As	phott o	lelivers !	gard					
1040	P. 7	tinnes off	-site.			51		1	772	
1100	Toe -	- Bameb	g Sutrus	fe wil						
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	Huy	will he	me fres)							
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						<u>lil</u>	as alla de la completa.			
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I .		r Rent	Tanks	m-site.		0845		<b>4</b>		1 1 1			i 
	Dropped c_ U6		21,000	gal tan	<u> </u>	0925	Retm						
						1045	Sh	Lost .	Ha	www.ts	h h	* ±	
0650	RFR	offsite					elmot	off.	the	rectons	atler	. 1 .,	i
i i	•	check						Home				: <u>±</u>	-
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	RI Eff			eff:	,	1250		eff 1			r Rotalis		1 :
	P₩- 7	2.67	اها	1- 7.8Z	,		1	buth,		1 ! ;			
	T - Cond			= 22.00c	l		Tre L	este c	nee	chuning	lunch.		
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			t me p	1								- · · · · · · · · · · · · · · · · · · ·	

VEIDANG PROPERTY AND SERVICE SERVICES

1420	pesumed	- recircul	Hon In	both r	zeetor		<b>.</b>										
	Resumed systems	lre-s	tarted by	the kumbes	الرع									· - <del>T</del> ···		, , , , , , , , , , , , , , , , , , ,	
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an er en fan skriver er akse gemeenter e	PH-	245°C		< 35°C		.     -				1							
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RZ	purameters		ON	<u>                                     </u>			ļ			4.5.							
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		<u> </u>							coming against a		-+						
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Teursony	Angust 22	1100 BSC onside to replace leaking
830	D. THE ONSIDE.	make up odustlund space gaskets.
	P-+IMES ONS ITE.	1145 BSC offishe.
१६५८	Arluing 650 g Na Az to	1200 Stup system charleston.
	each reacher system.	1330 Resuma system Manlation
	Givent samples RI off, RZ eff	
	Callbrate pH electrode -	1430 Tested secondary portion of treatment for leader &
900	Chech porumeters:	pump speration _ O.K.
	pH - 776 - 6K	Begin AMbry substrate & rustient feed tanks my notter passed
	T- 21.2 -04 Cond Jan - 3.9	through care 10x.
	P7 ECF p14- 7.84 -614	1345 Per M. Laci - 1
	T-212 - 04	400 mg/L Whate in total Flan
	Cond 27	and enough 2 to make as ingle
oms	Work on setting up , columbrating feed rates for substrate, nutrient	1600 Add 128 g Na Cay to each HOUR-P-
	feel	

English Berger

		10 pbm - OEC 193. \$
1635	Short off Oz to reactors (pe	25 ppm - == 0FF
	Munk lost, this will need to be	5075 ppm -
	left off now - overaight)	
		Checked RI off - result is 162,5 mV
		STEARY
1645	P. Thomas off-site.	~75 phm
	Homes att 12	
<u> </u>		22 off -
710	What samples R eff, RZ eff	RZeff - result is 2133 or
W. 1816 1 1 - 1 8065		~ 10 Japan
***************************************	Mother up lit wil "samples " my 154	
	for testing. Allen samples to	
	equilibrate of standards	1800 Depart site.
	Check journeters:	
	RI EFF	
***************************************		
<u> </u>	T- 27.5 & - OR	
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	Com = 2.70	
	PZ EFF	A second
	pu- 7.81 -on	
	T- 26.4°C -ON	
	Cand 1=100 - 4.64	
	California Clay- probe:	
	wind with the second	
* ** ******	Check standards	
	1 phm - 04 270-8	
	265.0	

inches and in the control of the con

<i>briday</i>						
	Ancust 23			lo pa	m - 211.8 -	on (vs 214)
				25 1	pm - 185,9 _	qu (vs 191.3)
0720	D. Hetje	P. Tinnes of	n-s/te	50 M	hm - 165 6	(vs 174.2)
					epm - 161.401	
	TOOM: COMM	a puinc	SUBSTRATE	1 44	. <b> </b>	
		tomes of		Cheel	c Samples -	
<i>"</i>		P WATER		-	RI FOR -	> 300 => < 1 ppm care-
	Monne	in cert - "	MSAPPEARANCE.		RZ EFF	7300 => < 1 ppm Clby
A						
6195	Correct sumple	s RI eHT,	12 eff   _	915	Reported results	to Mente Lost.
	Make of 100 h	1 Silvetting		-   -   -   -	He said we	of not need to or Meetata
	samples.		*****	-	and note Clike	- Jinst tum ou
	Surypes	<del> </del>		-	shut It at f are	the week end, then wonday Am.
	Allow sumples to	Lyndbrate	ud			
	standards.	<b>/</b>		-	Short off corne	Atten in both reactors
	,			-		
6755	Check paramet	ac .		1040	Tum on reco	resolution from les.
	RI EFF.		2 844:			
	pH- 7,53 on		PH- 7,64 OK	1295	P. Tiete of	ste.
	t- 21.90c		T- 216% OK			
Const	72.37	3	Lond - 4.20	-		- · · · · · · · · · · · · · · · · · · ·
00.						
	Cambre CU	1		-		<u>.</u>
	Check Stundard	1 ' 1		-		
	1 ppm - 2	680 -OK	(vs 272)			

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1.4

MUNDAY	ANGUS	T 26			
0715	<b>D</b> .	The tje	P. 17	ines unsite	
		J <sub>.</sub>			
	ALL	NnAc	10 73	substr	te
	fec	L tanks	to make	e CNal	وع
	47	6000	ngil.	substr L CNal	
		8	per 150	l .	
		10-8 19	per 4x	gal (touk	
		Auder 7	× 3 kg +	123kg)	
	WII	New 1	More Na	k by	
	frid	my to	refin to	nks /	
	Auc	(NH4)	HPU4	to ·	
	Nvot	rlent f	ed tas	us /300	
				t (NH4)2 PC	<b>4</b> J
		450 mg 11	- k	tank	
:		500 g ·			
					and the time of all health per comments depropried any open to be commented.
0805	Hyura		ettings 1	For Mete	ding
		_	4 × 85	gd /hr € 6.1 °	
	Deg	Q/h x	<b>寸</b>	2 6,1	TOWN.
			rees stre	KE	
N-F (N-F				ļ	
				<u> </u>	

```
(NH4)2 PU4 Feel - 3 gall
    8 golh x . 65 x .6 = 3.1 gelh
0430 Beglo formand flow toothing.
      Zero textralyzer for 3 flowmeter
      (well, reactor / luthurnt, reactor 2
      Influent)
      Shir Las! - tolk me it was
      limit to get sombles on lee:
      immediately . Also, we should check
    in the lost in how kest to
           rxn balling - reduction by changing
```

the pH so as not to upset the analytical method melysis. Bolancel flow into Pl by Q = 2.5-26 ZAS Collected sumple from RI INT Measure 100 ml of sample Added 2 drops 10 M North 1345 Count carlossite Harton 110 for PH, P.U. Patrick up the ionak to office today to get assistance & votum to Have H necessary Shw Los) - Leaned that 1 430 added about 3x more autate Them needed to make as my in but this is que sine bongs were

used to 1000 mg/L, than 500 mg/L. the sund I should delente this cone. by 1/2 when the trank parmys durin half way ( formorm PM or Wed. Am) Then to the nort butch that it made up Addry I can make It up Q les maje. Left message for Demnis Reyes\_ mirt, letting was know we are O going to asked I shap wim Nove to 1 (Athent) sample for the 3 and tes, and would also collect companion Scamplar who needless the north (pan wisi) and @ we would need a Ingle RL for Acetate. Stopped flux to reactor 1 to report leak an in-line maxer connection. Resume forward flow through Stopped forward flow through 1640-1700 PI again to repair another

	}			-				1				_
1800	Aut R	) Systen	n In rec	mulation				ļ				
	mode -	du	to leak	h				ļ		:		
The second secon	influent							. :	; .			
The special section of the section o	repar f	day do	ot hime	fittings.					1	. i.		
- Martine Martine Control of the Con	Put A	auted in	when Into	strut u	<b>2</b>							
	tank				I .				;			
	male	330 mg LL	In sul	Then_					:			
			recorded									
	Confl	med fr	ward Al	on throng	<b>4</b>		L.:		1 1 1 1	· .		-
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TURRIAY ANGUST 27 FECO @ 25 n/m. 6610 745 P- TUNNES ONSITE Flow RESUMES THEOLERED TREATED 2750 TUEST STUPPED (2) HOME DEPLE GALL THROUGH RZ SINCE START-UP to SITE to PROPER FON POWER VESTERNAY BASESO ON THIS FIGURE PIPING FIR Ri THE HOW HURMAN 122 WAS DOWN FUR ARCHIT 9-4.5 HORS LAN MOHY. 0750 Shu Losi RE SHAPLAR ALEA - FOR MOTHERY FEED, TODAY pure to RI from STUT IFF FLOW WITO RI LINE BASING STEWN DEMON - HE SAID BUT DUD NOT ADDUST PUNN man to sample OVERALL FLOW COW NOT CHANCE tomorrow CHAN LINES O SEM PHAND STOTTWAS), ALSO SUME SULTION LEST MGG FUR CHAMED FROM FORD TANK. lovering of must caps FAGO FROM SUBSTRATE TANK CONFIRMING THAT WE are # 2 Lans cu. BY POSTPUNING SAMPLING Collected sumple from RI FAX & TO MORROW. Aut in REGIRE MORE) & Chacked PISCONERED THAT INFLIENT ASED 0800 PH - 779 am 400 UFFLINE TRACKO PROPERSON TO PLUGGED BAC PLUTEN Repaired section of populary to. mschance a caused RI INF. BU TAME & TO BACK UP IN THEN SHUT UPF Remark fly feel WHUH 0995 PERED PRINT PRIOR through R1. Flyn 15 22.5 Ex tome 1 wall BALLED through forth systems. SHUT MAN THE INPLUENT